BILL 1st & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. B 183111

Name of work Construction of CC Drain in Balaji Layout in Ward No. 08 Kodigehalli Sub Division From ..... To .....

Name of Contractor or nature of Agency... Sri C. Narasaraju, Contractor, Bangalore.

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Work order No: EE/BTP/BBMP/E-PMI/ /2013-14 Date:						
	Work code No: 008-12-000867						
	Est cost: Rs. 16.00 Lakhs						
1)	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2m and an average lift upto 0.5m excavated surface leveled and sides neatly dressed the disposed earth is complete.						
		1	25.00	1.20	1.40	42.00	
		1	39.00	1.20	1.40	65.52	
		1	22.60	1.20	1.40	37.97	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.20	1.40	50.40	
		1	22.00	1.20	1.40	36.96	
		1	13.40	1.20	1.40	22.51	
		1	32.10	1.20	1.40	57.29	
						303.75 cum	
					@	85.00/cum	25819 = 00
2)	providing and laying in position plain cement concrete of mix M7.5 with opc cement @ 180 kgs using M7.5 with ope known and clown size crushed granite metal coarse aggregate @ 0.85cum et complete.						
		1	25.00	1.20	0.15	4.50	
		1	39.00	1.20	0.15	7.02	
		1	22.60	1.20	0.15	4.07	
		1	30.00	1.20	0.15	5.40	

cellar

Dey 7/3/14

rial No. .....
me of work .....
me of Contractor of nature of Agency.....
te of commencement of work.....

Date	Full description, etc, of work
	2
	3) providing and removing cem form work for vertical surfac buttresses plinth including ? a side wall

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No. B 183112

erial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency.....
ate of commencement of work.....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
cerce Dey 7/3/14			1	22.00	1.20	0.15	~~3.96~~	cerce Dey 29/4/14
			1	13.40	1.20	0.15	2.41	
			1	32.10	1.20	0.15	6.14	
							~~30.78~~ cu	
258192 00						@	4200.00/cu	127596.00
17.5 with arched granite		3) providing and removing centering shuttering striking propping & cond removal of form work for vertical surface such as walls at any thickness including attached pilasters buttresses chute including all materials & complete						
		side wall	4	25.00	-	1.00	100.00	
			4	39.00	-	1.00	156.00	
			4	22.60	-	1.00	90.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4	30.00	-	1.00	120.00	
		4	22.00	-	1.00	88.00	
		4	13.40	-	1.00	53.60	
		4	34.10	-	1.00	136.40	
	Covering bottom	1	30.00	1.20	-	36.00	
		1	6.40	1.20	-	7.68	
	covering sides	2	30.00	-	0.15	9.00	
		2	6.40	-	0.15	1.92	
		2	1.20	-	0.15	0.36	
						768.45 sq	
				@	250.00 /sq	192113.00	
	1) providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite						

Serial No .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	metal boards approach
	Bottom concrete
	Side wall

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Measurement Book

No. B 183113

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Dimensions Depth 6	Contents 7	Reference to last Measurement 8
		metal coarse aggregate @ 0.878cum and fine aggregate @ 0.459cum of complete						
		Bottom concrete	1	25.00	1.20	0.15	4.50	
			1	39.00	1.20	0.15	7.02	
			1	22.60	1.20	0.15	5.40	
			1	30.00	1.20	0.15	5.40	
			1	22.00	1.20	0.15	3.96	
			1	13.40	1.20	0.15	2.41	
			1	36.10	1.20	0.15	6.49	
		Side wall	2	25.00	0.15	1.00	7.50	
			2	39.00	0.15	1.20	14.04	
			2	22.60	0.15	1.00	6.78	
			2	30.00	0.15	1.20	10.80	

192113.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	22.00	0.15	1.20	7.92	
		2	13.40	0.15	1.00	4.02	
		2	36.10	0.15	1.20	12.28	
		1	30.00	1.20	0.10	3.60	
		1	6.40	1.20	0.10	0.77	
						100.58 cu.m	
						@ 6410.70/cu.m	644788.00
	covering slab						
	21/5/2014						
	S.E. (Civil)						
5)	providing TMT steel reinforcement for RCC work including straightening cutting bending hooking placing in position lapping and/or welding wherever required tying with binding wire and anchoring etc complete						
	As per pre-measurement Recorded vide page no: 193/93 - 194 of this MB's					75.44 qtl	558219.00
						@ 7400.00/qtl	

M. A. R. 57

Measure

15/18, 4

Book No. ..... From .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work 13.4.7553

Full description, etc, of work	Number	Le
2	3	
Krishnaraja		
certificate: certified that the above		

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Measurement Book

IT – No. B

15481 – 183114

From ..... To .....

Name of Contractor of nature of Agency .....

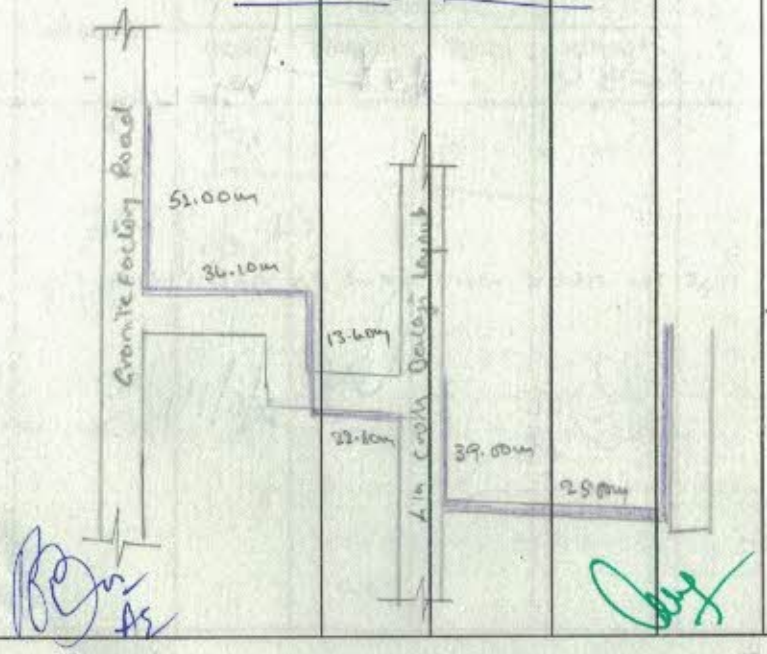
Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Earthwork						
	Total Carried to Abstract						
	certificate: certified that the above work done is satisfactorily.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Cont
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	

Sketch showing the work done spot.



Pre-signature work

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No. B 183193

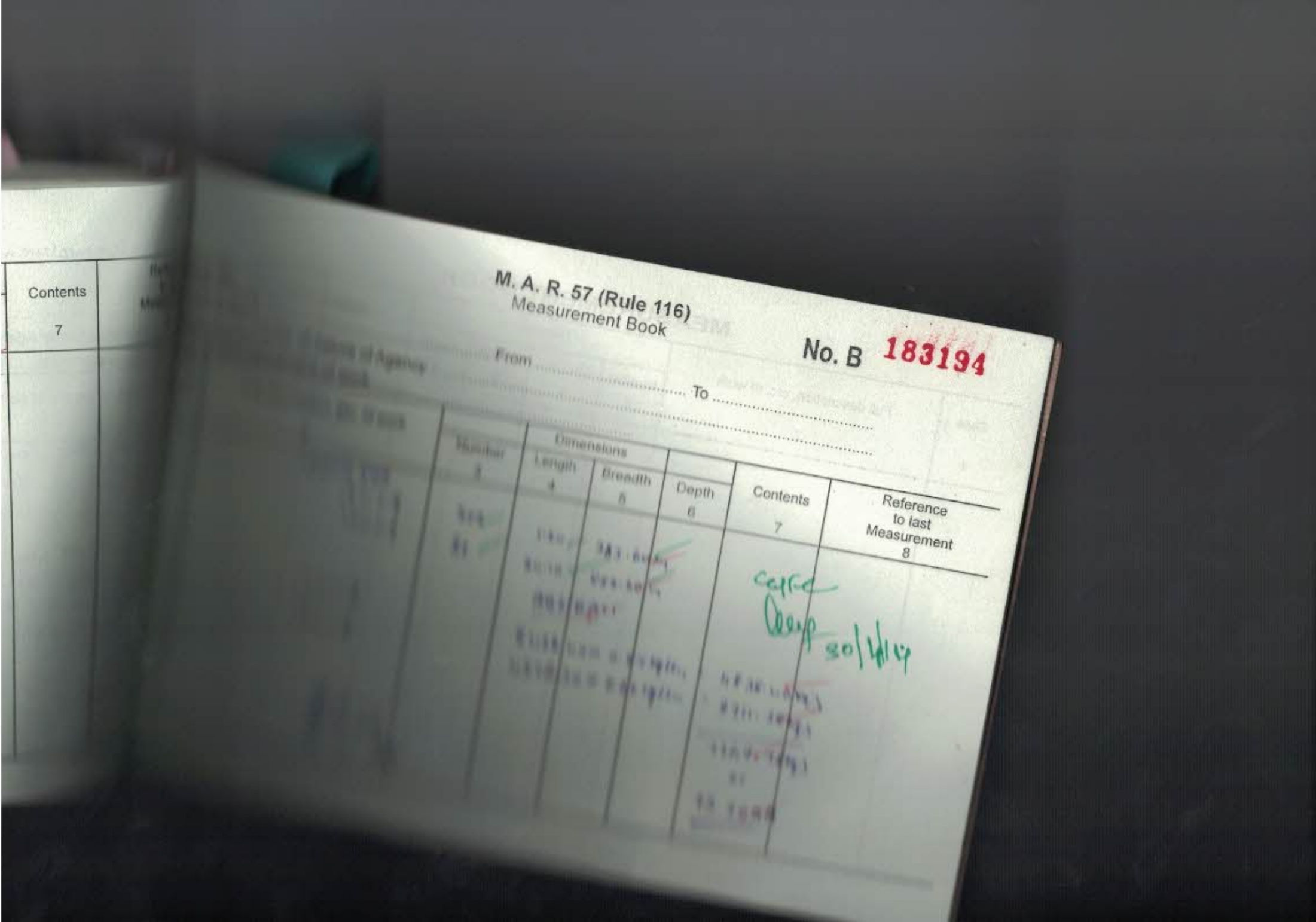
Name of nature of Agency ..... From ..... To .....

Name of work Column 008-12-000067

Number	Dimensions			Contents	Reference to last Measurement
	Length	Breadth	Depth		
3	4	5	6	7	8
	Drawn in Balaji layout in ward no. 08.				
	for RCC work including straightening, cutting, bending and welding wherever required tying with binding wire complete				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions			
		Number	Length	Breadth	Depth
1	2	3	4	5	6
	12mm ϕ	434	3.40	1475.60 kg	
	10mm ϕ	26	39.00	1014.00 kg	
	12mm ϕ	252	3.40	856.80 kg	
	10mm ϕ	26	22.00	587.00 kg	
	12mm ϕ	149	3.40	506.60 kg	
	10mm ϕ	26	13.40	348.40 kg	
	12mm ϕ	379	3.40	1288.60 kg	
	10mm ϕ	26	34.10	886.60 kg	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